

1. An isolated nucleic acid molecule selected from the group consisting of:

a) a nucleic acid molecule comprising a nucleotide sequence which is at least 89.5% identical to the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:17, the cDNA insert of the plasmid deposited with ATCC as Accession Number 98821, the cDNA insert of the plasmid deposited with ATCC as Accession Number 207173, or a complement thereof;

b) a nucleic acid molecule comprising a nucleotide sequence which is at least 58% identical to the nucleotide sequence of SEQ ID NO:29, the cDNA insert of the plasmid deposited with ATCC as Accession Number 207172, or a complement thereof;

c) a nucleic acid molecule comprising a nucleotide sequence which is at least 76% identical to the nucleotide sequence of SEQ ID NO:41, the cDNA insert of the plasmid deposited with ATCC as Accession Number 207171, or a complement thereof;

d) a nucleic acid molecule comprising a nucleotide sequence which is at least 70% identical to the nucleotide sequence of SEQ ID NO:3, SEQ ID NO:19, SEQ ID NO:31, or a complement thereof;

e) a nucleic acid molecule comprising a nucleotide sequence which is at least 92% identical to the nucleotide sequence of SEQ ID NO:43, or a complement thereof;  
and

f) a nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:18, SEQ ID NO:20, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 98821, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207173, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207172, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207171.

2. The isolated nucleic acid molecule of claim 1, which is selected from the group consisting of:

a) a nucleic acid comprising the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:29, SEQ ID NO:31, SEQ ID NO:41, SEQ ID NO:43, the cDNA insert of the plasmid deposited with ATCC as Accession Number 98821, the cDNA insert of the plasmid deposited with ATCC as Accession Number 207173, the cDNA insert of the plasmid deposited with ATCC as Accession Number 207172, the cDNA insert of the plasmid deposited with ATCC as Accession Number 207171, or a complement thereof; and

b) a nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:30, SEQ ID NO:32, SEQ ID NO:42, SEQ ID NO:44, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 98821, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207173, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207172, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207171.

3. The nucleic acid molecule of claim 1 further comprising vector nucleic acid sequences.

4. The nucleic acid molecule of claim 1 further comprising nucleic acid sequences encoding a heterologous polypeptide.

5. A host cell which contains the nucleic acid molecule of claim 1.

6. The host cell of claim 5 which is a mammalian host cell.
7. A non-human mammalian host cell containing the nucleic acid molecule of claim 1.
8. An isolated polypeptide selected from the group consisting of:
- a) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 70% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:3, SEQ ID NO:19, SEQ ID NO:31, or a complement thereof.
  - b) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 92% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:43, or a complement thereof; and
  - c) a polypeptide comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:30, SEQ ID NO:32, SEQ ID NO:42, or SEQ ID NO:44.

9. The isolated polypeptide of claim 8 comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:30, SEQ ID NO:32, SEQ ID NO:42, or SEQ ID NO:44, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 98821, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207173, an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207172, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number 207171.

10. The polypeptide of claim 8 further comprising heterologous amino acid sequences.

11. An antibody which selectively binds to a polypeptide of claim 8.

12. A method for producing a polypeptide comprising culturing the host cell of claim 5 under conditions in which the nucleic acid molecule is expressed.

13. A method for detecting the presence of a polypeptide of claim 8 in a sample, comprising:

- a) contacting the sample with a compound which selectively binds to a polypeptide of claim 8; and
- b) determining whether the compound binds to the polypeptide in the sample.

14. The method of claim 13, wherein the compound which binds to the polypeptide is an antibody.

15. A kit comprising a compound which selectively binds to a polypeptide of claim 8 and instructions for use.

16. A method for detecting the presence of a nucleic acid molecule of claim 1 in a sample, comprising the steps of:

- a) contacting the sample with a nucleic acid probe or primer which selectively hybridizes to the nucleic acid molecule; and
- b) determining whether the nucleic acid probe or primer binds to a nucleic acid molecule in the sample.

17. The method of claim 16, wherein the sample comprises mRNA molecules and is contacted with a nucleic acid probe.

18. A kit comprising a compound which selectively hybridizes to a nucleic acid molecule of claim 1 and instructions for use.

19. A method for identifying a compound which binds to a polypeptide of claim 8 comprising the steps of:

- a) contacting a polypeptide, or a cell expressing a polypeptide of claim 8 with a test compound; and
- b) determining whether the polypeptide binds to the test compound.

20. The method of claim 19, wherein the binding of the test compound to the polypeptide is detected by a method selected from the group consisting of:

- a) detection of binding by direct detecting of test compound/polypeptide binding;
- b) detection of binding using a competition binding assay;
- c) detection of binding using an assay for TANGO-69-receptor-mediated signal transduction.

21. A method for modulating the activity of a polypeptide of claim 8 comprising contacting a polypeptide or a cell expressing a polypeptide of claim 8 with a compound which binds to the polypeptide in a sufficient concentration to modulate the activity of the polypeptide.

22. A method for identifying a compound which modulates the activity of a polypeptide of claim 8, comprising:

- a) contacting a polypeptide of claim 8 with a test compound; and
- b) determining the effect of the test compound on the activity of the polypeptide to thereby identify a compound which modulates the activity of the polypeptide.